



# ENROLL US!

We Want to Be a Partner in EPA's  
National Partnership for Environmental Priorities

## IDENTIFYING INFORMATION

Name of Organization: Benchmark Electronics  
Principal Contact: John Bilsky  
Authorizing Official: David R. Roy  
Address: 65 River Road  
Phone/Fax: (603) 879-7000 / (603) 879-716  
EPA RCRA ID Number: NHD980672349

Facility Name: Hudson Division  
Title: Mgr., ESH/Plant Engineering  
Title: General Manager  
City/State/Zip: Hudson, NH 03051  
Email: john.bilsky@bench.com  
Date: July 25, 2005

## PARTNER AGREEMENT

Our organization is choosing to become a partner in EPA's National Partnership for Environmental Priorities. Our goal is to reduce the quantity of one or more Priority Chemicals currently found in our products, processes, or releases using techniques such as source reduction, recycling, or other materials management practices. In this enrollment application, we identify one or more voluntary goals that we believe we can achieve as partners in this program. The voluntary goal(s) provided below is an initial estimate and may change over time. We may revise our goal(s) or withdraw from the program at any time. If/when we choose to revise our goals or withdraw from the program, we will notify EPA.

**GOAL #1. Chemical Name:** Lead **CASRN:** 7439-92-1

Narrative description of proposed project: The European Union (EU) has instituted the Restriction of Hazardous Substance (RoHS) directive which restricts the use of 6 substances into the EU starting 7/1/06. Of the 6 substances banned, the restriction of lead has the largest impact on the electronics industry. Given the EU directive, the industry had roadmap plans for lead-free conversion. Benchmark has been conducting experiments and process development work the last few years and plans to transition to the use of lead-free alloys.

How we will measure success: Success will be measured in the reduction of total lead composite of solder bars and paste due to the transition to lead-free alloys.

1a. Our voluntary **source reduction** goal for Chemical #1 is to reduce the amount of this chemical generated/used from a baseline amount of 15,312 pounds in July, 2005 (month/year) to a reduced amount of 13,781 pounds generated/used by June, 2006 (month/year).

1b. To accomplish this goal, we will use the following source reduction options (check all that apply):

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Equipment or technology modifications. | <input checked="" type="checkbox"/> Process or procedure modifications.       |
| <input type="checkbox"/> Reformulation or redesign of products.            | <input checked="" type="checkbox"/> Substitution of less toxic raw materials. |
| <input type="checkbox"/> Improvements in inventory control.                | <input type="checkbox"/> Improvements in maintenance/housekeeping practices.  |
| <input type="checkbox"/> Other (describe): _____                           |   |

2a. In addition to, or in lieu of using source reduction methods, our voluntary **recycling or recovery** goal for Chemical # 1 is to increase the recycled or recovered quantity of this chemical from a baseline amount of \_\_\_\_\_ pounds in \_\_\_\_\_ (month/year) to an increased quantity of \_\_\_\_\_ pounds by \_\_\_\_\_ (month/year).

2b. To accomplish this recycling or recovery goal, we will use the following options (check all that apply):

- |  |
|--|
| <input type="checkbox"/> Direct use/reuse in a process to make a product.                |
| <input type="checkbox"/> Processing the waste to recover or regenerate a usable product. |
| <input type="checkbox"/> Using/reusing waste as a substitute for a commercial product.   |
| <input type="checkbox"/> Other (describe): _____   |